

PHILPS-DODGE COMPANY COMPLETE MILL AT TYRONE

The sixty-ton test mill being erected at Tyrone by the Phelps-Dodge Company is ready for operation. Among the processes of separation which will be tested out with the Barro Mountain ore is the comparatively new one known as the "flotation" process. This has been quite a success with zinc ores, and in several cases with copper ores, particularly sulphides. It is now in use at the Inspiration mine in Arizona and is successful there.

Flotation consists in the separation and recovery of valuable minerals from gangue by causing them to float in the form of froth or oily scum on the surface of the pulp and skimming this off or causing it to float off, for further treatment. A ton of ore is put into water and mixed with about two pounds of oil and from one to ten pounds of sulphuric acid. The mixture is then heated and passed into a mixing machine, where it is beaten up and a froth produced. This froth, which consists of oil, ore and air, rises to the surface and is skimmed off. Tried by the Caucasus Copper Company of Russia, the flotation process showed a recovery of ninety-five per cent as compared with a recovery of seventy per cent by water concentration. The Butte & Superior is treating a thousand tons per day in its flotation plant, using primarily water concentration and following this by the flotation process.

Strange to say, the principle of the flotation process was discovered by a woman, Miss Carrie J. Everson of Colorado. She was washing some concentrate sacks which had been in contact with oil. Using soap and water plentifully and being of an observant nature, she noticed that the sulphides floated to the surface of the water while the siliceous gangue sank to the bottom. She made a number of experiments and was granted a patent covering flotation of metallic sulphides by the use of oil and water.

GOVERNORS OF NEW MEXICO AND ARIZONA MEET APRIL 15

State Engineer French left Wednesday for Denver to attend the conference of western governors and state engineers, which will be opened by Governor Ammons of Colorado. "The general policy of irrigation matters will be discussed," said Mr. French. "The greater Carlsbad project and others in this state will be sure to come up. The state engineers will continue their attention to irrigation matters, I think, but I do not know of any papers that have been prepared."

The state engineer has received an invitation from President R. G. Arthur of the chamber of commerce and mines of Douglas, Arizona, inviting him to participate in the meeting to be held in Douglas April 15 and 16, and attended by Governor Hunt of Arizona and Governor McDonald of New Mexico, other state officials and many citizens. Mr. Arthur gives the program, as follows:

April 15.—Motor car meets Governor McDonald at state line at 1:45 p. m., carrying him to Douglas, where the chief executive of Arizona meets the governor of New Mexico at dinner. There will be music afterward in the lobby of the Hotel Gadsden, with addresses between the selections. State Engineer L. Cobb of Arizona, will be one of the speakers, and Mr. French has been asked to deliver an address on roads.

April 16.—Will be given to sight-seeing.

The object of the meeting is to further co-operation of the two states on road building.

Governor William McDonald has accepted an invitation to stop over in Deming on his return from Arizona, and he will be tendered an informal reception during his stay here.

To Deport Chinaman

The United States marshal's office has delivered Leong Fong, the Chinaman ordered deported, after a memorable legal fight through the territorial courts and the federal circuit court of appeals to the federal immigration authorities at Deming. Leong Fong was employed as laundry man at the New Mexico Cottage Sanitarium at Silver City.

Mr. and Mrs. William Royal of Silver City, were visitors in the city Thursday on their way to El Paso where they went on a short visit with friends in the Pass City.

J. M. Watson, a cattleman of Pueblo, Colo., arrived in the city this week to make arrangements for a large shipment of cattle to northern points.

C. P. Thomson and wife and A. Appel and wife of San Antonio, are in the city visiting for a few days before resuming their journey to the Pacific coast.

TRACTOR AND GRADERS FOR COUNTY ROAD WORK

The purchase of a new Fairbanks-Morse tractor to cost \$1,550 was authorized Monday evening at a meeting of the Luna county road board, also two new leasing-wheel graders with extra blades and parts. This will give the county two tractors and three graders, all of which equipment is in good repair, and is being used continuously in road making.

Charles Heath and Dr. R. C. Hoffman, members of the road board, went before the county commissioners, at their meeting Tuesday, and asked for the opening of several roads, among which was the Old Grade road to Columbus from sixteen miles south of Deming to the border. The state road will be followed from the city to the corner of the Doderer place when it will be turned east on the selection line to the Old Grade. The work of grubbing the new throughfare is now in progress.

New culverts are being placed, and the work of road making all over the county has received a new impetus through the business-like methods adopted by the board.

Soldier Dies in Local Hospital

William Berrigan of Fort Bayard, died here Wednesday morning at the Deming Woman's hospital. The body was taken in charge by the J. A. Mahoney Undertaking Company and prepared for shipment to Fort Bayard where interment was made there Thursday morning in the soldiers' cemetery.

RED MOUNTAIN AND TUNIS

The residents in the vicinity of Red Mountain have decided to emulate the enterprising people of Hondale, by contributing a day's labor towards the improvement of the Tunis school grounds. The material for a lengthy hitching post has been lying there for some time awaiting adjustment. Nothing has been done towards the clearing of the land, and making it an appropriate play-ground for the children. When the grounds are in a suitable condition, they will have "basket ball" and other games conducive to the health of the children.

It is to be hoped, that every body will turn out with shovel and ax, and not relegate the work of improvement to the few willing workers who have always been on hand towards the public improvements, however, busy they were with their own private affairs. Public improvement means just as much for one as it does for another, so the proper thing to do, is to send a substitute, if one cannot come himself. Work will be begun on grounds by 9 a. m., Friday, April 17; as the Literary Club convenes on that evening, they have decided to render the evening's program immediately after luncheon, which the ladies are expected to bring.

The program promises to be a very humorous and interesting one. There is to be a debate: Resolved, "That Women's Styles Are Absurd." Mr. Ramsey and Mr. Chandler have the affirmative, and Mrs. H. H. Jacobs and Mrs. G. J. Chandler have the negative. One of the ladies will demonstrate a point in her argument by appearing in a sheath gown, and colored wig, showing the economy and exquisite harmony of the modern costume. The other lady will appear in hoop-skirt and voluminous gown demonstrating the possibility of charming grace, and dignity even in the extreme of the sheath skirt.

Miss Golden will give a recitation in comic costume. An Irish song will be sung by one of the members.

Harry Chandler has just completed, and delivered to the chamber of commerce a large birds' eye view of Deming, in which he shows every building and all the public improvements in the town.

The Rev. E. C. Morgan will preach at the Tunis school house next Sunday.

Amusement Notes CRYSTAL THEATER

Miss Jessie Ray, who plays the only female role in the successful Eugene Walter's play, "The Wolf," is rapidly carving out an enviable reputation by her excellent work in this most difficult part, and the critics are unanimous in claiming that in this young lady J. J. Holla has made a "real dramatic find."

Miss Ray has had an excellent training in that best of dramatic schools, the stock company, and in the role of "Hilda MacTavish" she has a part that fits her like the proverbial glove.

The production is carried completely even to the furniture. The date is Saturday, April 18, at the Crystal Theater.

Grain Privileges

MONEY IN WHEAT

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VACANT SCHOOL LANDS SUBJECT TO LEASE

The following is a list of the vacant school sections in Luna county on February 1, 1914, which are subject to lease for grazing or agricultural purposes.

Blank applications or further information in regard to the rental price will be furnished upon request to Commissioner of Public Lands, Santa Fe, New Mexico.

Sec. Twp. Rge.	Sec. Twp. Rge.
2 208 5W	2 238 5W
16 208 5W	16 238 5W
2 208 6W	32 238 5W
32 208 6W	2 238 6W
16 208 7	16 238 6W
32 208 7W	2 238 7W
32 238 8W	16 238 8W
2 208 9W	2 238 9W
16 208 9W	2 248 5W
2 208 10W	2 248 6W
15 218 6W	32 248 7W
32 218 6W	36 248 7W
36 218 6W	2 248 9W
2 218 7W	32 248 10W
2 218 8W	2 248 11W
32 218 8W	16 248 11W
36 218 8W	32 248 11W
2 218 11W	36 248 11W
16 218 12W	2 248 12W
32 218 12W	16 248 12W
36 218 12W	32 248 12W
2 218 13W	36 248 12W
16 218 13W	2 248 13W
32 218 13W	16 248 13W
36 218 13W	36 248 13W
16 228 5W	36 248 13W
32 228 5W	32 258 5W
36 228 5W	16 258 7W
2 228 6W	32 258 7W
32 228 6W	16 258 10W
36 228 6W	32 258 10W
16 228 10W	2 258 11W
32 228 11W	32 258 11W
36 228 11W	2 258 12W
2 228 12W	16 258 12W
16 228 12W	32 258 12W
32 228 12W	36 258 12W
36 228 12W	2 258 13W
2 228 13W	16 258 13W
16 228 13W	32 258 13W
32 228 13W	36 258 13W
36 228 13W	
2 268 5W	2 278 7W
16 268 5W	16 278 7W
32 268 5W	36 278 7W
36 268 5W	2 278 8W
2 268 6W	2 278 11W
16 268 6W	16 278 11W
32 268 6W	32 278 11W
36 268 6W	36 278 11W
2 268 7W	2 288 5W
16 268 7W	32 288 5W
32 268 7W	36 288 5W
36 268 7W	32 288 6W
2 268 9W	2 288 7W
16 268 10W	32 288 6W
32 268 11W	36 288 7W
36 268 11W	2 288 8W
2 278 5W	32 288 7W
16 278 5W	2 288 11W
32 278 5W	32 288 11W
36 278 5W	32 298 8W

OLD GUARD WIN VICTORY IN THE COLUMBUS ELECTION

The result of the election at Columbus Tuesday was a decided victory for the faction which lost in the prohibition election in the courts here last week. In detail the vote was as follows: Citizens' Ticket, W. C. Hoover, for mayor, 29 votes; Alma Frederickson, for trustee, 28 votes; J. R. Osborne, for trustee, 28 votes; C. E. Bourgeois, for trustee, 28 votes; Sam Ravel, for trustee, 29 votes; E. R. Geisler, for clerk, 28 votes. People's Ticket, J. F. White, for mayor, 23 votes; J. L. Walker, for trustee, 25 votes; W. F. King, for trustee, 22 votes; E. G. Putnam, for trustee, 24 votes; A. J. Evans, for trustee, 23 votes; J. W. Nelson, for clerk, 23 votes.

GOING TO BUILD A HOME?

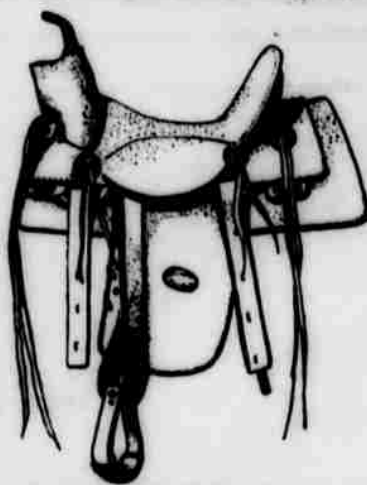
If you are going to build you want lots upon which to put your house. You also want lots in a neighborhood to your liking--lots in the home part of town--lots where the good homes are--lots where the values are ever on the upward move. We have these kind of lots for sale and can please you, if interested ask us to show them to you.

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MOUNTAIN VIEW ITEMS

The Sunday school had a picnic in the Tres Hermanas mountains after Sunday school services. A sumptuous lunch was served. Afterwards, several climbed to the top of the mountains, where they had a view of Columbus and the Las Palomas lakes. A jolly good time was enjoyed by all present.

Binam Taylor of Iola, made a flying trip through Mountainview one day last week.

We notice alfalfa large enough to cut on the Akers ranch. This speaks well for winter irrigation.

Dwight Rambo has his pump installed now. He intends to get busy on an early garden. Mr. Rambo has just started a small orchard. We sincerely hope he will have good results from his labor this coming season.

Anson Stall, Bill Allbee and others were in Deming this week.

Jack Noyes is digging a well, and working at other improvements on his place.

C. L. and Ray Quigley have put out small orchards this spring. This sounds good for the farmers around Mountainview.

The Coffee we want you to remember us by is Chase & Sanborn's Seal Brand. You'll surely remember us when the first can is gone.—Deming Mercantile Co.—adv.

Morning, noon and night Chase & Sanborn's Coffee always has the same high quality. To be had only of Deming Mercantile Co.—adv.

Mrs. Louis Lewin of Lexington, Ky., arrived in the city Monday on her way to Silver City, where she will visit her brother, Alex. Victor. Mrs. Lewin accompanied Assistant Secretary of the Navy Franklin D. Roosevelt and wife from Kansas City having gotten acquainted with them on the train.